

Form PTO 1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty Docket No. 789_048 NP	Serial No.
	Applicant Yukihiisa TAKEUCHI, Kazuyoshi SHIBATA and Masahiko NAMERIKAWA	
	Filing Date Concurrently Herewith	Group

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U.S. PATENT DOCUMENTS

Exam. Initial	Document Number	Date	Name	Class	Sub Class	Filing Date

FOREIGN PATENT DOCUMENTS

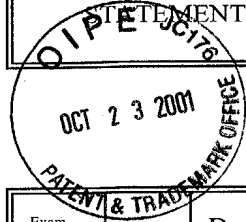
	Document Number	Date	Country	Class	Sub Class	Translation	Abstract
ms	AA 10-136665	5/22/1998	JP				✓
ms	AB 63-64640	3/23/1988	JP				✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages Etc.)

ms	AC	Yoshikazu Soeno, et al., "Piezoelectric Piggy-Back Microactuator for Hard Disk Drive," IEEE Transactions on Magnetics, Vol. 35, No. 2, March 1999, pp 983-987.
ms	AD	S. Koganezawa, et al., "Dual-Stage Actuator System for Magnetic Disk Drives Using a Shear Mode Piezoelectric Microactuator," IEEE Transactions on Magnetics, Vol. 35, No. 2, March 1999, pp 998-992.
Examiner MARK O. BUDD PRIMARY EXAMINER ART UNIT 21		Date Considered 3/6/02

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Form PTO 1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty Docket No. 789_048 NP	Serial No. 09/672,069
	Applicant Yukihiisa TAKEUCHI, Kazuyoshi SHIBATA and Masahiko NAMERIKAWA	
	Filing Date September 28, 2000	Group 2834



U.S. PATENT DOCUMENTS

Exam. Initial	Document Number	Date	Name	Class	Sub Class	Filing Date

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
VB	AI	1 017 116 A2	7/5/2000	Europe				
	AJ	1 089 351 A2	4/4/2001	Europe				
	AK	1 089 352 A2	4/4/2001	Europe				
	AL	1 089 356 A2	4/4/2001	Europe				
	AM	1 089 358 A2	4/4/2001	Europe				
	AN	01/26166 A1	4/12/2001	WO				
	AO	01/26169 A1	4/12/2001	WO				

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US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

JAN 04 2002

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	09/672,069
Filing Date	September 28, 2000
First Named Inventor	Yukihisa TAKEUCHI
Art Unit	2834
Examiner Name	
Confirmation No.	7280
Attorney Docket No.	789_048 NP

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
MB	AR	5,912,524	6/15/1999	Ohnishi et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract

OTHER DOCUMENTS
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Examiner: MARK O. BUDD PRIMARY EXAMINER ART UNIT 212	Date Considered: 3-6-02
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U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
MB	AE	5,166,571	11/24/1992	Konno et al.			7/19/1990
MB	AF	5,691,594	11/25/1997	Takeuchi et al.			5/19/1995
MB	AG	6,018,212	1/25/2000	Kikuchi et al.			12/15/1997

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract

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Examiner	MAKINO SUDD PRIMARY EXAMINER ART UNIT 212	Date Considered 3/6/02

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